

REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 1, 6-7, 13, 16-17 and 19-23 have been amended to present the claims in better form for allowance and for possible consideration on appeal. Applicant respectfully requests the Examiner to accept the proposed amendments. Claims 5 and 9-12 have been cancelled without prejudice. No new claims have been added. Therefore, claims 1-4, 6-8 and 13-23 are presented for examination.

35 U.S.C. § 112 Rejection

Claims 1-4, 6-8 and 13-23 are rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement.

Claims 1, 13 and 19 have been amended. Applicants respectfully request the withdrawal of the rejection of claims 1, 13 and 19 and their dependent claims.

35 U.S.C. § 103 Rejection

Claims 1, 4, 6-8, 13 and 15-23 are rejected under 35 U.S.C. §103(a) as being unpatentable over Camp, et al., U.S. Patent No. 6,802,067 (“Camp”) in view of Shah, et al., U.S. Patent Publication No. 2003/0005173 (“Shah”).

Claim 1, as amended, recites:

A system comprising:

a computer system having a processor coupled with a memory, the computer system further including an application server, the application server including a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages, wherein the unified logging and tracing system to unify the logging system and the tracing system by assuming similarities, while not neglecting differences, between the logging system and the tracing system that are to be unified,

wherein the unifying of the logging and tracing systems further includes one or more of providing path messages for the trace messages, performing cross-referencing between the trace messages and the log messages, and generating language-independent messages for the log messages, wherein the unified logging and tracing system is compatible with various output formats and is controllable such that setting hierarchies of the unified logging and tracing system are reusable, the unified logging and tracing system having

- a log manager to manage one or more log controllers to receive one or more messages from an application wherein each of the one or more log controllers is a class that includes one or more subclasses or modules selected from a group comprising a category to generate the log messages and a location to generate the trace messages, wherein the trace messages are emitted to the location, the location including an area of program code; and
- a viewer in communication with the processor of the computer system, the viewer to display the logging messages and the tracing messages as generated by the unified logging and tracing system.

Applicants respectfully disagree with the Examiner's characterization of the references and the pending claims. For example, the Examiner acknowledges that "Camp did not explicitly state a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages" (Office Action, mailed 06-11-08, page 5; emphasis in the original), but relies on Shah for the deficiencies of Camp. Applicants respectfully disagree. Shah does not teach or reasonably suggest "a unified logging and tracing system" as recited by claim 1 (emphasis added). Shah discloses separate "message logger" (e.g., message logger 416, 703, 713) and "trace logger" (e.g., trace logger 417, 704, 714) for messages and trace data, respectively. (see para. 0064; see also figs. 4, 5 and 7). The mere use of a separate "message logger" for messages from a "trace logger" for trace data **is away from and not the same** as "a unique logging and tracing system to generate log messages, and a tracing system to generate trace messages" as recited by claim 1 (emphasis added). Hence, Shah does not make up for the deficiencies of Camp. Nevertheless, for the sake of expediting issuance

of this case, Applicants propose additional amendments to the pending claims and submit the following remarks.

Claim 1, as amended, in pertinent part, recites the unified logging and tracing system to unify the logging system and the tracing system by assuming similarities, while not neglecting differences, between the logging system and the tracing system that are to be unified, wherein the unifying of the logging and tracing systems further includes one or more of providing path messages for the trace messages, performing cross-referencing between the trace messages and the log messages, and generating language-independent messages for the log messages, wherein the unified logging and tracing system is compatible with various output formats and is controllable such that setting hierarchies of the unified logging and tracing system are reusable, the unified logging and tracing system . . . viewer to display the logging messages and the tracing messages as generated by the unified logging and tracing system

Camp discloses “a computer software framework and method that provides a means to log messages to files, consoles, databases, and other destinations and combines the functions of log file formatting, message multicasting, message filtering, message severity processing and log file management.” (Col. 1, lines 6-11). Now referring to part of a section referenced by the Examiner in previous Office Actions (mailed, 08-10-07, page 4, and mailed, 02-26-07, page 5), Camp further discloses “[l]og base class 15 provides *a means to format messages to obtain a consistent structure and appearance for generated logs containing the logged messages*, which helps to provide uniformity across a computing system. In carrying out the formatting function, log base class 15 calls *a formatter, typically an object containing a method for appending additional information to the text string of the message*. Referring to FIG. 2A, formatter subclasses

implement formatter interface 35. *Any type and number of formatter subclass may be used to represent information for amending a message prior to logging, and preferred formatter classes include time stamp formatter 40, severity formatter 41, application formatter 42, user formatter 43, and transaction formatter 44.*” (col. 4, lines 11-24; emphasis added)

Camp’s “means to log messages to files, consoles, databases, and other destinations and combines the functions of log file formatting, message multicasting, message filtering, message severity processing and log file management” is not the same as “a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages” as recited by claim 1.

Shah, as mentioned above, does not make up for the deficiencies of Camp. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 1 and its dependent claims.

Claims 13 and 19 contain limitations similar to those of claim 1. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 13 and 19 and their dependent claims.

Claims 2, 3 and 14 are rejected under 35 U.S.C. §103(a) as being unpatentable over Camp, et al., U.S. Patent No. 6,802,067 (“Camp”) in view of Shah, et al., U.S. Patent Publication No. 2003/0005173 (“Shah”)

Claims 2, 3 and 14 depend from one of claims 1 and 13 thus include all the limitations of the corresponding base claim. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 2, 3 and 14.

Conclusion

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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Date: July 30, 2008

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